

Abstract

This invention relates to a rewritable optical information recording medium essentially comprising a substrate and a recording layer formed on said substrate, wherein the recording layer has the following composition:



wherein A is gold or silver; B is Sb or Bi; C is Te or Se; M is an element selected from the group consisting of Ti, Zr, Hf, V, Nb, Ta, Mg, W, Mo, B, C, N, P and Si; $0 < a < 13.0$; $10 < b < 87.0$; $8.0 < c < 50$; $0 < d < 30.0$; $0 < e < 8$; and $a+b+c+d+e=100$ atom%. The recording layer is located between upper and lower dielectric layers and a reflective layer is located on said upper dielectric layer, wherein the reflective layer, which has a thickness of at least 1500\AA , can reflect laser radiation signals to the recording layer.